Industrial Wastewater Pretreatment Monitoring Report
Sampling Point #2 (Part 1, A&B)

Milbank Mfg Year 01 Month SEPT.

Date	Flow	pH	Cd	Cr	Cu	Ni	Ag	Pb	Zn	Mo	TTO	Phenol	CN	TPH	FOG	NH3	CBOD	COD	TSS
1																			
2																			
3																			
4	1710	9.57																	
5	1170	9.68																	
6	2630	9.55																	
7																			
8																			
9																			
10	320	9.74																	
11	1600	9.33																	
12	2110	9.45																	
13	2130	9.79							<0.20	<0.10						3.0	>27	600	57
14																			
15																			
16																			
17																			
18	1410	9.85																	
19	2000	9.82																	
20	2460	9.12							<0.20										
21																			
22																			
23																			
24																			
25	0	9.58																	
26	2060	9.89																	
27	2360	9.90							<0.50								<5		
28																			
29																			
30																			
31																			
Daily LIMIT	N/A	N/A	.02	2.0	.6	.8	.24	.1	1.25	N/A	2.13	.5	.5	N/A	100	N/A	N/A	N/A	N/A
Average	1830	9.63							<0.30	<0.10						3.0		600	57
Maximum	2630	9.90							<0.50	<0.10						3.0	>27	600	57
Minimum	320	9.12							<0.20	<0.10						3.0	<5	600	57

Total Flow 291,750 EAI

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief is, true, accurate and complete. I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

Richard Tyler
Authorized Company Representative

DATE 10-18-01

3400500014700000000000000782270007

INDIANA AMERICAN WATER CO.INC.
KOKOMO
P. O. BOX 907
RICHMOND, IN 47375-0907

ACCOUNT NUMBER	3400500014700 8
AMOUNT DUE	$782.70
DUE DATE	10-29-2001

MILBANK MFG CO INC
P O BOX 754
KOKOMO IN 46903-0754

Please return this portion with check or money order payable to IN-AWC

INDIANA-AMERICAN WATER CO
P. O. BOX 2555
DECATUR IL 62525-2555

Service address:
1005 RANK PY

Customer Account Information

Service to: 340-05000147-00 8
MILBANK MFG CO INC
1005 RANK PY

BILLING PERIOD
Sep.06,2001 TO Oct.05,2001
Date Billed 10-10-2001
Service for 29 Days
Next Reading on/about Nov. 05

METER READING INFORMATION

* - Meter number -	031697349
Current-Actual	0049700
Prior	0010800
Cubic Feet Usage	38900
* - Meter number -	037146496
Current-Actual	000000
Prior	000000
Cubic Feet Usage	0
Total cu.ft. Usage	38900
Equivalent Gallons	291,750

Billing Summary

Prior Billing	**502.77**
Payments, Sep.26,2001,Thank You	502.77CR
Prior Balance Oct.09,2001	**.00**
Current Charges	
Water Charge	745.43
Indiana Gross Retail Tax	37.27
AMOUNT DUE	**$782.70**

MILBANK MFG. WASTEWATER TREATMENT PLANT
PH CALIBRATION READING LOG SHEET

TIME	DATE	BUFFER CHANGED? PH 4.00	BUFFER CHANGED PH 10.00	PROBE LOCATION	PROBE CLEANED	INITIALS	PH READING	PH CALIBRATION
7:00	9-04	Y	Y	NEUT 1	Y	~~SLH~~	4 + 10	3.97-4.00 9.99-10.03
7:00	9-04	Y	Y	NEUT 2	Y	~~SLH~~	4 + 10	4.00-4.03 9.99-10.01
2:30	9-04	Y	Y	FINAL	Y	~~SLH~~	[illegible]	4.00-10.00
7:00	9-5	Y	Y	NEUT 1	Y	SLH	4 + 10	3.98-4.00/9.97/10.00
7:00	9-5	Y	Y	NEUT 2	Y	SLH	4 + 10	3.99-4.00/9.99-10.00
10:30	9-5	Y	Y	FINAL	Y	SLH	9.68	4.00/10.00
7:00	9-6	Y	Y	NEUT 1	Y	SLH	4 + 10	3.99-4.00/9.99/10.00
7:00	9-6	Y	Y	NEUT 2	Y	SLH	4 + 10	3.98-4.00/9.99.10.00
1:30	9-6	Y	Y	FINAL	Y	SLH	9.55	4.00/10.00
10:55	9-10	Y	Y	NEUT 1	Y	SLH	4 + 10	3.99-4.00 9.98-10.00
10:55	9-10	Y	Y	NEUT 2	Y	SLH	4 + 10	3.99-4.00/9.98-10.00
2:30	9-10	Y	Y	FINAL	Y	SLH	9.74	[illegible] 4.00 [illegible] -10.00
7:00	9-11	Y	Y	NEUT 1	Y	SLH	4 + 10	3.97-4.02/9.98-10.03
7:00	9-11	Y	Y	NEUT 2	Y	SLH	4 + 10	3.95-4.00/9.97-10.00
3:00	9-11	Y	Y	FINAL	Y	SLH	9.33	4.00/10.00
7:00	9-12	Y	Y	NEUT 1	Y	SLH	4 + 10	3.95-4.01 9.99-10.00
7:00	9-12	Y	Y	NEUT 2	Y	SLH	4 + 10	3.98-4.00/9.97-10.00
2:00	9-12	Y	Y	FINAL	Y	SLH	9.45	4.00-/10.00
7:00	9-13	Y	Y	NEUT 1	Y	SLH	4 + 10	3.98-4.00/9.99-10.01
7:00	9-13	Y	Y	NEUT 2	Y	SLH	4 + 10	3.99-4.00/9.97-10.00
11:30	9-13	Y	Y	FINAL	Y	SLH	9.79	4.00/10.00
7:00	9-18	Y	Y	NEUT 1	Y	SLH	4 + 10	3.94-4.03/9.98-10.00
7:00	9-18	Y	Y	NEUT 2	Y	SLH	4 + 10	3.97-4.00/9.97/9.99
2:15	9-18	Y	Y	FINAL	Y	SLH	9.85	4.00/10.00
7:00	9-19	Y	Y	NEUT 1	Y	SLH	4 + 10	3.99-4.00/9.99-10.04
7:00	9-19	Y	Y	NEUT 2	Y	SLH	4 + 10	3.95-4.00/9.95-9.99
1:00	9-19	Y	Y	FINAL	Y	SLH	9.82	4.00/10.00
7:00	9-20	Y	Y	NEUT 1	Y	SLH	4 + 10	3.98-4.02 9.97-10.00
7:00	9-20	Y	Y	NEUT 2	Y	SLH	4 + 10	4.00-4.03/9.98-9.99
1:25	9-20	Y	Y	FINAL	Y	SLH	9.12	4.00/10.00
1:15	9-25	Y	Y	NEUT 1	Y	SLH	4 + 10	3.99-4.00 9.99/10.00
1:15	9-25	Y	Y	NEUT 2	Y	SLH	4 + 10	4.00-4.01 9.99-10.01
3:00	9-25	Y	Y	FINAL	Y	SLH	9.58	4.00/10.00

MILBANK MFG. WASTEWATER TREATMENT PLANT
PH CALIBRATION/READING LOG SHEET

TIME	DATE	BUFFER CHANGED? PH 4.00	BUFFER CHANGED PH 10.00	PROBE LOCATION	PROBE CLEANED	INITIAL	PH READING	PH CALIBRATION
9:00	9-26	Y	Y	NEUT 1	Y	SLH	4 + 10	3.99-4.00 9.99/10.03
7:00	9-26	Y	Y	NEUT 2	Y	SLH	4 + 10	4.00-4.05 9.97-10.00
1:30	9-26	Y	Y	FINAL	Y	SLH	9.89	4.00 - 10.00
9:00	9-27	Y	Y	NEUT 1	Y	SLH	4 + 10	3.97-4.03/ 9.99-10.03
7:00	9-27	Y	Y	NEUT 2	Y	SLH	4 + 10	3.99-4.00 9.97-10.00
12:25	9-27	Y	Y	FINAL	Y	SLH	9.90	4.00/10.10
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH		
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	[illegible]	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	[illegible]	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	[illegible]	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	[illegible]	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	[illegible]	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	[illegible]	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	[illegible]	
		Y	Y	NEUT 1	Y	SLH	4 + 10	
		Y	Y	NEUT 2	Y	SLH	4 + 10	
		Y	Y	FINAL	Y	SLH	[illegible]	

TestAmerica
INCORPORATED

Indianapolis Division
6964 Hillsdale Court, Indianapolis IN 46250
Phone: (317) 842-4261 Fax: (317) 842-4286

TO: Mr. Richard Tyler

COMPANY: MILBANK MANUFACTURING INC

Fax: 17654528361

FROM: Josh Dutton

PHONE: (317)842-4261

SENT ON: 09/25/01 05:13 PM CDT

PAGES INCLUDING COVER: 5

COMMENTS:

Please note the Project Narrative.

PLEASE CALL NUMBER ABOVE IF FAX TRANSMISSION IS INCOMPLETE

ANALYTICAL REPORT

Mr. Richard Tyler
MILBANK MANUFACTURING INC
1400 E. Havens Street
Kokomo, IN 56901-3188

09/25/2001

Job Number: 01.04815
Page 1 of 4

Enclosed are the Analytical Results for the following samples submitted to TestAmerica, Inc. Indianapolis Division for analysis:

Project Description: WASTEWATER ANALYSIS

Sample Number	Sample Description	Date Taken	Time Taken	Date Received
302665	MONTHLY SAMPLE	09/13/2001	15:30	09/13/2001

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

TestAmerica Incorporated-Indianapolis Division is in compliance with the National Environmental Laboratory Accreditation Program (NELAP) Standards.

Reproduction of this analytical report is permitted only in its entirety.

ANALYTICAL REPORT

Mr. Richard Tyler
MILBANK MANUFACTURING INC
1400 E. Havens Street
Kokomo, IN 56901-3188

09/25/2001

Job No.: 01.04815

Date Received: 09/13/2001
Job Description: WASTEWATER ANALYSIS

Sample Number / Sample I.D. Parameters	Wet Wt. Result	Flag	Sample Date/ Units	Analyst Date & Time Analyzed	Method	Reporting Limit
302665 MONTHLY SAMPLE			09/13/2001 15:30			
CBOD - Five Day	>27	z	mg/L	rlm 09/20/2001 14:00	EPA 405.1	<5.
CBOD - Five Day (PREP)	Complete			rlm 09/14/2001 12:00	EPA 405.1	Complete
COD	600	d2x5	mg/L	tpd 09/18/2001 09:57	EPA 410.4	<250
Nitrogen, Ammonia Dist.	3.0		mg/L	cdk 09/18/2001 14:10	EPA 350.1	<0.10
Solids, Suspended	57		mg/L	lng 09/18/2001 11:23	EPA 160.2	<5.
Distillation, Ammonia	Complete			mhl 09/17/2001 10:00		Complete
Molybdenum, ICP	<0.10		mg/L	100 09/20/2001	EPA 200.7	<0.10
Zinc, ICP	<0.20		mg/L	100 09/21/2001	EPA 200.7	<0.20

PROJECT NARRATIVE

JOB NUMBER: 01.04815

SAMPLE: 302665

ANALYSIS: CBOD

The BOD value has been reported as a greater than value. The dilutions selected at the time of preparation were based upon historical sample dilutions. These dilutions were inappropriate for this particular sample due to higher than expected biological activity.
Due to the nature of the test, re-analysis could not be performed.

RLM 09-20-2001

KEY TO ABBREVIATIONS

<	Less than; when appearing in the result column, indicates analyte not detected at or above the Reporting Limit.
%	Percent; To convert ppm to %, divide result by 10,000. To convert % to ppm, multiply the result by 10,000.
*	Indicates the Reporting Limit is elevated due to insufficient sample volume.
mg/L	Part per million; Concentration in units of milligrams of analyte per Liter of aqueous sample.
ug/L	Part per billion; Concentration in units of micrograms of analyte per Liter of aqueous sample.
mg/kg	Part per million; Concentration in units of milligrams of analyte per kilogram of non-aqueous sample.
ug/kg	Part per billion; Concentration in units of micrograms of analyte per kilogram of non-aqueous sample.
a	Indicates the sample concentration was quantitated using a diesel fuel standard.
b	Indicates the analyte of interest was also found in the method blank.
c	Sample resembles unknown Hydrocarbon.
dw	When indicated, the result is reported on a dry weight basis. The contribution of the moisture content in the sample has been subtracted when calculating the concentration.
d1	Indicates the analyte has elevated Reporting Limit due to high concentration.
d2	Indicates the analyte has elevated Reporting Limit due to matrix.
e	Indicates the reported concentration is estimated.
g	Indicates the sample concentration was quantitated using a gasoline standard.
h	Indicates the sample was analyzed past recommended holding time.
i	Insufficient spike concentration due to high analyte concentration in the sample.
j	Indicates the reported concentration is below the Reporting Limit.
k	Indicates the sample concentration was quantitated using a kerosene standard.
l	Indicates an MS/MSD was not analyzed due to insufficient sample. An LCS / LCS Duplicate provided for precision
m	Indicates the sample concentration was quantitated using a mineral spirits standard.
o	Indicates the sample concentration was quantitated using a motor oil standard.
p	Indicates the sample was post spiked due to sample matrix.
q	Indicates MS/MSD exceeded control limits. The associated sample may exhibit similar matrix bias. All other quality control indicators are in control.
r	Indicates the sample was received past recommended holding time.
u	Indicates the sample was received improperly preserved and/or improperly contained.
uj	Indicates the result is below the Reporting Limit and is considered estimated.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Richard Tyler
MILBANK MANUFACTURING INC
1400 E. Havens Street
Kokomo, IN 56901-3188

10/10/2001

Job Number: 01.05016

Enclosed are the Analytical Results for the following samples submitted to TestAmerica, Inc. Indianapolis Division for analysis:

Project Description: WASTEWATER ANALYSIS

Sample Number	Sample Description	Date Taken	Time Taken	Date Received
303547	WEEKLY - ZINC ONLY	09/20/2001	15:30	09/24/2001

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

TestAmerica Incorporated-Indianapolis Division is in compliance with the National Environmental Laboratory Accreditation Program (NELAP) Standards.

Project Representative

6964 HILLSDALE CT / INDIANAPOLIS, IN 46250 / 317-842-4261 / FAX 317-842-4286

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Richard Tyler
MILBANK MANUFACTURING INC
1400 E. Havens Street
Kokomo, IN 56901-3188

10/10/2001

Job No.: 01.05016

Date Received: 09/24/2001
Job Description: WASTEWATER ANALYSIS

Sample Number / Sample I.D. Parameters	Wet Wt. Result	Flag	Sample Date/ Units	Analyst Date & Time Analyzed	Method	Reporting Limit
303547 WEEKLY - ZINC ONLY			09/20/2001 15:30			
Zinc, ICP	<0.20	d2x4	mg/L	100 09/28/2001	EPA 200.7	<0.050

6964 Hillsdale Ct / Indianapolis, IN 46250 / 317-842-4261 / Fax 317-842-4286

KEY TO ABBREVIATIONS

<	Less than; when appearing in the result column, indicates analyte not detected at or above the Reporting Limit.
%	Percent; To convert ppm to %, divide result by 10,000. To convert % to ppm, multiply the result by 10,000.
*	Indicates the Reporting Limit is elevated due to insufficient sample volume.
mg/L	Part per million; Concentration in units of milligrams of analyte per Liter of aqueous sample.
ug/L	Part per billion; Concentration in units of micrograms of analyte per Liter of aqueous sample.
mg/kg	Part per million; Concentration in units of milligrams of analyte per kilogram of non-aqueous sample.
ug/kg	Part per billion; Concentration in units of micrograms of analyte per kilogram of non-aqueous sample.
a	Indicates the sample concentration was quantitated using a diesel fuel standard.
b	Indicates the analyte of interest was also found in the method blank.
c	Sample resembles unknown Hydrocarbon.
dw	When indicated, the result is reported on a dry weight basis. The contribution of the moisture content in the sample has been subtracted when calculating the concentration.
d1	Indicates the analyte has elevated Reporting Limit due to high concentration.
d2	Indicates the analyte has elevated Reporting Limit due to matrix.
e	Indicates the reported concentration is estimated.
g	Indicates the sample concentration was quantitated using a gasoline standard.
h	Indicates the sample was analyzed past recommended holding time.
i	Insufficient spike concentration due to high analyte concentration in the sample.
j	Indicates the reported concentration is below the Reporting Limit.
k	Indicates the sample concentration was quantitated using a kerosene standard.
l	Indicates an MS/MSD was not analyzed due to insufficient sample. An LCS / LCS Duplicate provided for precision.
m	Indicates the sample concentration was quantitated using a mineral spirits standard.
o	Indicates the sample concentration was quantitated using a motor oil standard.
p	Indicates the sample was post spiked due to sample matrix.
q	Indicates MS/MSD exceeded control limits. The associated sample may exhibit similar matrix bias. All other quality control indicators are in control.
r	Indicates the sample was received past recommended holding time.
u	Indicates the sample was received improperly preserved and/or improperly contained.
uj	Indicates the result is below the Reporting Limit and is considered estimated
z	Indicates the BOD dilution water blank depletion was between 0.2 and 0.5 mg/L

TestAmerica INCORPORATED

Division/Laboratory Name: Indianapo ision

To assist us in using the proper analytical method
is this work being conducted for regulatory pu ?
Compliance Monitoring Yes No
Enforcement Action Yes No

Client Name: Milbank Client #:

Address: 1400 East Havens Street

City/State/Zip Code: Kokomo, IN 56901-3188

Project Manager: Mr. Richard Tyler

Telephone Number: 765-452-5694 Fax:

Sampler Name (Print Name):

Sampler Signature:

Report To: Mr. Richard Tyler

Invoice To:

Quote #: 98.0060 PO#

Project Name: Monthly Wastewater

Project #:

Site/Location ID: State: IN

TAT
___ Standard
___ Rush (surcharges may apply)
___ Other
Date Needed
Fax Results: Y N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4, Plastic (Yellow Label)	H_2SO_4, Glass (Yellow Label)	None (Black Label)	Other (Specify)	Analyze For: ~~BOD~~, ~~COD~~, ~~TSS~~	Ammonia, Mg, Zn								REMARKS
Monthly - Comp			C	N	WW						~~10~~ 11		X	X								

Special Instructions:
·····PLEASE COMPOSITE USING FLOW READINGS ATTACHED·····

JUST ANALYZE Zn PER DAVID KRANZ @ MILBANK. >> 9/24/01 11:00

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:

Relinquished By	Date	Time	Received By:	Date	Time
David K Kranz	9-21	10:30 AM		9/24	1050
Relinquished By	Date	Time:	Received By:	Date:	Time:
Relinquished By	Date	Time:	Received By:	Date:	Time:

Custody Seals: Y N N/A
Bottles Supplied by TestAmerica: Y N
Method of Shipment:

MIL0001082

TestAmerica
INCORPORATED

Indianapolis Division
6964 Hillsdale Court, Indianapolis IN 46250
Phone: (317) 842-4261 Fax: (317) 842-4286

TO: Mr. Richard Tyler

COMPANY: MILBANK MANUFACTURING INC

Fax: 17654528361

FROM: Josh Dutton

PHONE: (317)842-4261

SENT ON: 10/08/01 12:01 PM CDT

PAGES INCLUDING COVER: 4

COMMENTS:

PLEASE CALL NUMBER ABOVE IF FAX TRANSMISSION IS INCOMPLETE

ANALYTICAL REPORT

Mr. Richard Tyler
MILBANK MANUFACTURING INC
1400 E. Havens Street
Kokomo, IN 56901-3188

10/08/2001

Job Number: 01.05121
Page 1 of 3

Enclosed are the Analytical Results for the following samples submitted to TestAmerica, Inc. Indianapolis Division for analysis:

Project Description: WASTEWATER ANALYSIS

Sample Number	Sample Description	Date Taken	Time Taken	Date Received
304164	WASTEWATER	09/27/2001	15:00	09/28/2001

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

TestAmerica Incorporated-Indianapolis Division is in compliance with the National Environmental Laboratory Accreditation Program (NELAP) Standards.

ANALYTICAL REPORT

Mr. Richard Tyler
MILBANK MANUFACTURING INC
1400 E. Havens Street
Kokomo, IN 56901-3188

10/08/2001

Job No.: 01.05121
Page 2 of 3

Date Received: 09/28/2001
Job Description: **WASTEWATER ANALYSIS**

Sample Number / Sample I.D. Parameters	Wet Wt. Result	Flag	Sample Date/ Units	Analyst Date & Time Analyzed	Method	Reporting Limit
304164 WASTEWATER			09/27/2001 15:00			
CBOD - Five Day	<5		mg/L	rlm 10/03/2001 14:00	EPA 405.1	<5.
CBOD - Five Day (PREP)	Complete			rlm 09/28/2001 12:30	EPA 405.1	Complete
Zinc, ICP	<0.050		mg/L	175 10/03/2001	EPA 200.7	<0.050

KEY TO ABBREVIATIONS

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%	Percent; To convert ppm to %, divide result by 10,000. To convert % to ppm, multiply the result by 10,000.
*	Indicates the Reporting Limit is elevated due to insufficient sample volume.
mg/L	Part per million; Concentration in units of milligrams of analyte per Liter of aqueous sample.
ug/L	Part per billion; Concentration in units of micrograms of analyte per Liter of aqueous sample.
mg/kg	Part per million; Concentration in units of milligrams of analyte per kilogram of non-aqueous sample.
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u	Indicates the sample was received improperly preserved and/or improperly contained.
uj	Indicates the result is below the Reporting Limit and is considered estimated.

MILBANK MFG. DISHARGE LOG

SAMPLING POINT #2

DATE	START TIME	METER READING	STOP TIME	METER READING	INITIALS	COMMENTS/MAINTENANCE
9-4-01	7:00	360360	3:00	362070	SLH	SYSTEM
9-5-01	7:00	362070	11:00	363240	SLH	SYSTEM
9-6-01	7:00	363240	3:00	365870	SLH	SYSTEM
9-7-01	7:00	365870	3:00	365870	SLH	FILTER PRESS
9-10-01	7:00	365870	10:30	365870	SLH	FILTER PRESS
9-10-01	10:35	365870	3:00	366190	SLH	SYSTEM
9-11-01	7:00	366190	3:00	367790	SLH	SYSTEM
9-12-01	7:00	367790	3:00	369900	SLH	SYSTEM
9-13-01	7:00	369900	3:30	372030	SLH	SYSTEM (TEST)
9-17-01	7:00	372030	3:00	372030	SLH	FILTER PRESS
9-18-01	7:00	372030	3:00	373440	SLH	SYSTEM
9-19-01	7:00	373440	3:00	375440	SLH	SYSTEM
9-20-01	7:00	375440	3:30	377900	SLH	SYSTEM (TEST)
9-25-01	7:00	377900	1:00	377900	SLH	FILTER PRESS
9-25-01	1:30	377900	3:00	377900	SLH	SYSTEM
9-26-01	7:00	377900	2:45	379960	SLH	SYSTEM
9-27-01	7:00	379960	3:00	382320	SLH	SYSTEM (TEST)
9-28-01	7:00	382320	3:00	382320	SLH	FILTER PRESS
~~9-29-01~~	~~7:00~~	~~382320~~			SLH	~~FILTER PRESS~~
					SLH	
					SLH	
					SLH	
					SLH	
					SLH	
					SLH	
					SLH	
					SLH	

MILBANK MANUFACTURING
WASTEWATER TREATMENT PLANT
CHEMICAL LOG

DATE	FERRIC CHLORIDE (42 be)		CALCIUM CHLORIDE FLAKES (77%)		CAUSTIC SODA (50%)		SULFURIC ACID (66 be)		WT-11		COMMENTS
2001	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	GALS USED	GALS REC.	
9-4-01	4GAL		150#								FILLED 11:15 AM
9-6-01	4GAL		150#						4 GAL		filled 2:30 AM
9-11-01					20GAL						Filled 8:10 AM
9-11-01	4GAL		150#								Filled 10:00 AM
9-11-01									4GAL		Filled 10:15 AM
9-12-01	4GAL		150#								Filled 11:20 AM
9-13-01									4GAL		Filled 1:12 PM
9-18-01	4GAL		150#								Filled 9:15 AM
9-19-01	4GAL		150#								Filled 9:30 AM
9-19-01									4GAL		Filled 1:10 PM
9-20-01	4GAL		150#								Filled 9:20 AM
9-25-01	4GAL		150#								filled 2:10 PM
9-26									4GAL		Filled 10:15 AM
9-26	4GAL		150#								Filled 1:15 PM
10											

DATE ORDERED	CHEMICAL ORDERED	AMOUNT ORDERED

Chemical Specialties

Marcus Bryant
913-661-0767

First Stage

Date	Initial	Concentration	Pressure	Temperature	pH	Replacements of drums	Clean Screens	Clean Nozzles	Comments
Ranges		1.40 – 1.80	15 – 25	120°–130°	9.5 – 11.0	Cleaner 419C	Daily	Weekly	
9-4	DKK	1.80	15	130	10.23				
9-5	DKK	1.80	15	128	10.27				
9-6	DKK	1.80	15	119	10.25				
9-7	DKK	1.80	15	117	10.30				
9-10	DKK	1.80	15	117	10.26				
9-11	DKK	1.80	15	119	10.29				
9-12	DKK	1.80	15	121	10.19				
9-18	DKK	1.80	15	125	10.09				
9-19	DKK	1.80	15	123	10.07				
9-20	DKK	1.80	15	120	10.04				
9-21	DKK	1.80	15	122	10.03				
9-24	DKK	1.80	15	119	10.05				
9-25	DKK	1.80	15	117	10.07				
9-26	DKK	1.80	15	116	10.09				
9-27	DKK	1.80	15	119	10.11				

Chemical Specialties

Marcus Bryant
913-661-0767

Third Stage

Date	Initial	Concentration	Pressure	Temperature	pH	Replacements of drums	Clean Screens	Clean Nozzles	Comments
Ranges		1.65 – 2.31	15 – 25	120°–130°	4.0 – 5.5	Paint Lok 595	Daily	Weekly	
9-4	DKK	2.31	15	108	3.97				
9-5	DKK	2.31	15	111	3.99				
9-6	DKK	2.31	15	115	3.99				
9-7	DKK	2.31	15	119	4.05				
9-10	DKK	2.31	15	114	4.10*				
9-11	DKK	2.31	15	117	4.76				
9-12	DKK	2.31	15	120	4.80				
9-18	DKK	2.31	15	104	4.75				
9-19	DKK	2.31	15	105	4.77				
9-20	DKK	2.31	15	107	4.74				
9-21	DKK	2.31	15	109	4.73				
9-24	DKK	2.31	15	110	4.44				
9-25	DKK	2.31	15	108	4.45				
9-26	DKK	2.31	15	105	4.42				
9-27	DKK	2.31	15	111	4.47				

Fifth Stage

Chemical Specialties

Marcus Bryant
913-661-0767

Date	Initial	Pressure	PH Stage 5	Addition of Rinse 50 1 pint/4 hours of run time		Conductivity of Stage 5		Conductivity of Stage 2		Conductivity of Stage 4		Clean Screens	Clean Nozzles	Comments
Ranges		15 - 25	4.0 – 5.5	AM	PM	< 2000uS		< 1500uS		< 1500uS		Daily	Weekly	
						AM	PM	AM	PM	AM	PM			
9-4	DKK	15	5.1	7:30	12:50	1.65	1.52	1.67	1.07	.76	.73			
								[illegible]		[illegible]				
9-5	DKK	15	5-1	7:45	1:05	1.42	1.37	1.13	1.07	.72	.79			
9-6	DKK	15	5-1	7:25	12:25	1.35	1.51	.62	.80	.63	.51			
9-7	DKK	15	5-1	7:30	1:10	1.40	1.57	1.12	1.25	.59	.54			
9-10	DKK	15	5-1	11:00		1.54	1.54	1.59	1.14	.76	.75			
9-11	DKK	15	5.1	7:35	12:30	1.45	1.57	1.22	1.17	.77	.75			
9-12	DKK	15	5.1	7:30	12:30	1.49	1.66	.68	69	.62	.54			
9-18	DKK	15	5.1	7:15	1:00	1.58	1.74	1.44	1.09	.77	.83			
9-19	DKK	15	5.0	7:30	12:40	1.66	1.56	1.00	.80	.84	.85			
9-20	DKK	15	5.1	7:30	1:30	1.69	1.63	1.89	1.09	.68	.69			
9-21	DKK	15	5.1	7:45	12:50	1.87	1.82	1.66	1.77	.75	.76			
9-24	DKK	15	5.1	8:40	2:30	1.70	1.67	1.43	1.76	.82	.84			
9-25	DKK	15	5.1	7:30	1:45	1.60	1.68	1.96	1.14	.94	.88			
9-26	DKK	15	5.0	7:30	12:35	1.65	1.70	1.22	1.00	.93	.97			
9-27	DKK	15	5.0	11:00	12:50	1.67	1.72	.71	.72	.62	.49			
9-28	DKK			10:00		1.68		98		.53				

MILBANK MANUFACTURING CONDUCTIVITY REPORT FOR RINSE TANKS TWO AND FOUR!!!!!!

DATE	TIME	TEMP.	RINSE TANK # 2	TEMP.	RINSE TANK #4
9-12-01	7:30	87	.68	74	.62
9-12-01	12:30	100	.69	87	.54
9-18-01	7:15	97	1.44	83	.77
9-18-01	1:00	98	1.09	92	.83
9-19-01	7:30	98	1.00	86	.84
9-19-01	12:40	95	.80	95	.85
9-20-01	7:30	72	1.08	70	.68
9-20-01	1:35	99	1.19	93	.69
9-21-01	7:45	100	1.66	90	.75
9-21-01	12:50	106	1.77	94	.76
9-24-01	8:40	96	1.43	80	.82
9-24-01	2:30	105	1.76	94	.84
9-25-01	7:30	99	1.96	83	.94
9-25-01	1:45	107	1.14	94	.88
9-26-01	7:30	94	1.22	84	.83
9-26-01	12:55	97	1.00	90	.97
9-27-01	11:00	108	.71	90	.62
9-27-01	12:50	109	.72	91	.49
9-28-01	10:00	110	.98	92	.53

DATE: 9-20-01

MILBANK MANUFACTURING COMPANY

BEGINNING READING @ 7:00 AM 375440

TIME	METER READING	INITIAL
7:30	375520	SLH
8:00	375660	SLH
8:30	375810	SLH
9:00	375960	SLH
9:30	376100	SLH
10:00	376260	SLH
10:30	376410	SLH
11:00	376560	SLH
11:30	376710	SLH
12:00	376870	SLH
12:30	377010	SLH
1:00	377170	SLH
1:30	377720	SLH
2:00	377470	SLH
2:30	377610	SLH
3:00	377760	SLH
3:30	377900	SLH

377900

REGULATED PARAMETERS (6)	Local Discharge Limitations (7)		Results	Date Taken	Monitoring Requirements	
	Daily Maximum (mg / L)	Monthly Average (mg / L)			Frequency	Sample Type
Cadmium (5) (CD)	0.02	0.015			Semi-Annual	Composite {2}
Total Chromium (5) (CR)	2.0	1.2			Semi-Annual	Composite {2}
Copper (5) (CU)	0.6	0.4			Semi-Annual	Composite {2}
Cyanide (5) (CA)	0.5	0.3			Semi-Annual	Grab
Lead (5) (PB)	0.1	0.06			Semi-Annual	Composite {2}
Nickel (5) (NI)	0.8	0.5			Semi-Annual	Composite {2}
Silver (5) (AG)	0.24	0.15			Semi-Annual	Composite {2}
Zinc (5) (ZN)	1.25	0.75 PER Rodger Fain			1 X Month	Composite {2}
Molybdenum (5) (MO)	Monitor and Report				1 X Month	Composite {2}
PH	6-10 (Std. Units)	---------			Daily	Grab
CBOD (4)	Monitor and Report				1 X Month	Composite {2}
COD (4)	Monitor and Report				1 X Month	Composite {2}
TSS (4)	Monitor and Report				1 X Month	Composite {2}
Ammonia-N (4) (NH3)	Monitor and Report				1 X Month	Composite {2}
TPH (Oil & Grease Hydrocarbons)	Monitor and Report				Semi-Annual	Grab
Fats, Oils & Grease (8) (FOG)	100	---------			Semi-Annual	Grab
Flow	----------	---------			Daily (3)	
TTO	2.13	---------			Semi-Annual	Grab
Phenol	0.50	---------			Semi-Annual	Grab

1 time weekly for next 4 weeks

*** The above listed discharge limitations and monitoring requirements are minimum requirements necessary to achieve compliance. Nothing in the permit shall prevent MMCI from exceeding the requirements of this table.**

Date - 9-20-01

Please test for the following highlighted

Thanks

DATE: 7-27-01

MILBANK MANUFACTURING COMPANY

BEGINNING READING @ 7:00 AM 379960

TIME	METER READING	INITIAL
7:30	380040	SLH
8:00	380190	SLH
8:30	380340	SLH
9:00	380490	SLH
9:30	380640	SLH
10:00	380790	SLH
10:30	380930	SLH
11:00	381090	SLH
11:30	381240	SLH
12:00	381390	SLH
12:30	381540	SLH
1:00	381690	SLH
1:30	381850	SLH
2:00	381990	SLH
2:30	382160	SLH
3:00	382320	SLH
3:30	OUT OF WATER	SLH

DATE: 9-13-01

MILBANK MANUFACTURING COMPANY

BEGINNING READING @ 7:00 AM 369900

TIME	METER READING	INITIAL
7:30	369990	SLH
8:00	370130	SLH
8:30	370270	SLH
9:00	370410	SLH
9:30	370560	SLH
10:00	370700	SLH
10:30	370820	SLH
11:00	370990	SLH
11:30	371130	SLH
12:00	371290	SLH
12:30	371410	SLH
1:00	371550	SLH
1:30	371650	SLH
2:00	371790	SLH
2:30	371810	SLH
3:00	371960	SLH
3:30	372030	SLH